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FORM PTO-1449 (REV. 7-89) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.
			PA113B1C1	10/021,865
			APPLICANT Strich et al.	
	DATE MAILED: May 23, 2002		FILING DATE December 17, 2001	GROUP 2664

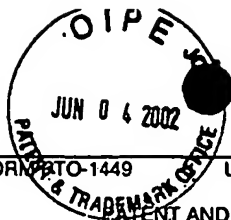
U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
JATM	A1	4 4 3 5 8 4 0	03/06/84	Kojima et al.	455	33	
	A2	4 5 4 9 3 1 1	10/22/85	McLaughlin	455	277	
	A3	4 4 8 5 4 8 6	11/27/84	Webb et al.	455	33	
	A4	4 6 5 2 8 8 0	03/24/87	Moeller et al.	342	373	
	A5	4 7 0 4 7 3 4	11/03/87	Menich et al.	455	33	
	A6	4 7 2 6 0 5 0	02/16/88	Menich et al.	379	60	
	A7	4 7 5 0 0 3 6	06/04/88	Martinez	358	147	
	A8	4 9 0 1 3 0 7	02/13/90	Gilhousen et al.	370	18	
	A9	5 0 2 1 8 0 1	06/04/91	Smith et al.	343	876	
	A10	5 0 4 8 1 1 6	09/10/91	Schaeffer	455	33	
	A11	5 1 0 3 4 5 9	04/07/92	Gilhousen et al.	375	1	
	A12	5 1 8 7 8 0 6	02/16/93	Johnson et al.	455	15	
	A13	5 1 9 3 1 0 9	10/25/91	Lee	379	60	
	A14	5 2 3 5 6 1 6	08/10/93	Sebilet	375	1	
	A15	5 2 4 1 6 8 5	08/31/93	Bodin et al.	455	33.2	
	A16	5 2 4 5 6 2 9	09/14/93	Hall	H04k	1/00	
	A17	5 2 6 5 2 6 3	11/23/93	Ramsdale et al.	455	33.2	
	A18	5 3 1 7 5 9 3	05/31/94	Fulghum et al.	375	1	
	A19	5 3 4 3 1 7 3	08/30/94	Baldois et al.	333	126	
	A20	5 4 0 4 5 7 6	04/04/95	Yahagi	455	56.1	
V	A21	5 4 2 2 9 0 8	06/06/95	Schilling	375	203	
JATM	A22	5 4 2 8 8 1 8	06/27/95	Meidan et al.	455	33.3	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	9 2 1 0 0 7 4	06/24/98	PCT	Arraycomm, Incorporated	H04B	7/20
	B2						
	B3						

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			APPLICANT Strich et al.	
			FILING DATE December 17, 2001	GROUP 2664

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	Naguib, Ayman F. et al., "Capacity Improvement with Base Station Antenna Arrays in Cellular CDMA", IEEE Transactions on Vehicular Technology, Vol. 48, No. 8, August 1994, pgs 691-698.		
	C2	Suzuki, Mitsuyoshi et al., "Frequency Re-using Pattern for Forward Link of Orthogonal CDMA Cellular Systems", IEICE Trans. Commun., Vol E77-B, No. 6, June 1994, pgs 838-842.		
	C3	Swales, S.O. et al., "A Spectrum Efficient Cellular Base Station Antenna Architecture", Sixth International Conference on Mobile Radio and Personal Communications, Conference Publication No. 851, pgs 272-273		
	C4	Swales, S.O. et al., "Multi Beam Adaptive Base Station Antennas for Cellular Land Mobile Radio Systems", 89th IEEE Vehicular Technology Conference, Vol 1, May 1-3, 1989 San Francisco, California, pgs 841-848		
	C5	"Smart Antenna Module," Northern Telecom Inc., October 5, 1993, 4 pages		
	C6	"PGS 1998 Advanced Services Generating Revenue for PCS Providers," Northern Telecom Inc., September 1998, 16 pgs.		
EXAMINER		/Juan Torres/	DATE CONSIDERED	07/12/2006
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

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